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<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/015,959	EGEVANG, KJELD B.	
	Examiner	Art Unit	
	CHUONG T. HO	2616	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/20/07.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>07/05/07</u>.</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input checked="" type="checkbox"/> Other <u>See Continuation Sheet</u>.</li> </ol> |
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Continuation of Attachment(s) 9. Other: Attached amendment filed 06/12/07.

1. The proposed claim amendments after final rejection filed 06/11/07 have been entered and made of record.
2. Claims 1-21 are pending.

***Allowable Subject Matter***

3. Claims 1-21 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art (6714985, 20020095512, 6453357, 20020136217, 7089320) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 1: "determining whether all packet fragments for said packet have been received by determining a status of said more bits for each packet fragment, collecting offset values in a verification table, indexing collected offset values by position in said verification table, and evaluating said collected offset values to identify any missing positions between said starting position and said ending position; sending a verification message once all entries in said verification table are filled; translating said first address into a second address, without reassembling said packet fragments into said packet, in response to said verification message".

The following is an examiner's statement of reasons for allowance: the prior art (6714985, 20020095512, 6453357, 20020136217, 7089320) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 11: "wherein said verification module is to determine whether all packet fragments for said packet have been received by determining a status of said more bits for each packet fragment, collecting offset values

in a verification table, indexing collected offset values by position in said verification table, and evaluating said collected offset values to identify any missing positions between said starting position and said ending position; wherein said verification module is to send a verification message to said translation module once all entries in said verification table are filled, and said translation module is to translate said first address into said second address, without reassembling said packet fragments into said packet, in response to said verification message".

The following is an examiner's statement of reasons for allowance: the prior art (6714985, 20020095512, 6453357, 20020136217, 7089320) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 13: "wherein said intermediate node is further adapted to index offset values from each packet fragment in a verification table to determine whether all packet fragments for said packet have been received, each of said offset values representing a position from starting position to an ending position of said packet, said intermediate node to determine a status of said more bits for each packet fragment, collect offset values in a verification table, index collected offset values by position in said verification table, and evaluate said collected offset values to identify any missing positions between said starting position and said ending position; wherein said intermediate node is further adapted to send a verification message once all entries in said verification table are filled; translating said first address into a second address, without reassembling said packet fragments into said packet, in response to said verification message".

The following is an examiner's statement of reasons for allowance: the prior art (6714985, 20020095512, 6453357, 20020136217, 7089320) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 15: "wherein said platform is further adapted to index offset values from each packet fragment in a verification table to determine whether all packet fragments for said packet have been received, each of said offset values representing a position from starting position to an ending position of said packet, said intermediate node to determine a status of said more bits for each packet fragment, collect offset values in a verification table, index collected offset values by position in said verification table, and evaluate said collected offset values to identify any missing positions between said starting position and said ending position; wherein said platform is further adapted to send a verification message once all entries in said verification table are filled; translating said first address into a second address, without reassembling said packet fragments into said packet, in response to said verification message".

The following is an examiner's statement of reasons for allowance: the prior art (6714985, 20020095512, 6453357, 20020136217, 7089320) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 18: "wherein the stored computer program instructions, executed by a computer further result in indexing offset values from each packet fragment in a verification table to determine whether all packet fragments for said packet have been received, each of said offset values representing a

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position from starting position to an ending position of said packet, said intermediate node to determine a status of said more bits for each packet fragment, collect offset values in a verification table, index collected offset values by position in said verification table, and evaluate said collected offset values to identify any missing positions between said starting position and said ending position; wherein the stored instructions, when executed by a computer, further results in sending a verification message once all entries in said verification table are filled; translating said first address into a second address, without reassembling said packet fragments into said packet, in response to said verification message"

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHUONG T. HO whose telephone number is (571) 272-3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ORGAD EDAN can be reached on (571) 272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

07/03/07

EDAN ORGAD  
PRIMARY PATENT EXAMINER

*Edan Orgad* 7/9/07